# CSTATIC - Programs Statically Linked to Natural

This Natural profile parameter is for mainframes only.

With this parameter, you can define a list of names of non-Natural programs which are to be linked together with the Natural parameter module (NATPARM).

| Possible settings | list of program names | For each program name (1-8 characters) an external reference is generated for the linkage editor. If the external reference (entry name) is different from the program name, the entry name can be specified enclosed in brackets after the name as follows: `Program-name(Entry-name)` |
|---|---|---|
| Default setting | none | |
| Dynamic specification | NO | |
| Specification within session | NO | |

Each non-Natural program specified and linked to Natural can be called from a Natural program using a CALL statement.

As the value of any parameter is limited to 256 bytes, the number of program names specified by the CSTATIC parameter is limited. Alternatively, the macro NTCSTAT may be used to define more statically linked programs, see examples below.

Modules which have been statically linked can be replaced dynamically by loading them during session initialization, see the profile parameter RCA. Modules which are linked neither statically nor dynamically are loaded dynamically when they are first invoked by a CALL statement.

If you want to link programs to a shared nucleus, you have to define them with the CSTATIC parameter in two parameter modules: one linked to the shared nucleus and the other linked to the environment-dependent nucleus.

For further information, see Statically Linked Non-Natural Programs (in the Natural Operations for Mainframes documentation).

The following topics are covered below:

- Example of CSTATIC Parameter
- Example of NTCSTAT Macro

## Example of CSTATIC Parameter

```
CSTATIC=(PROG1,PROG7(ENTRY2),PROG12,PROG27($MAIN))
```

## Example of NTCSTAT Macro

```
NTCSTAT PROG1,PROG7(ENTRY2),PROG12
NTCSTAT PROG27($MAIN)
```